

MAP READING

I. Introduction

The map as a tool

II. Map Reading

A. Marginal Data

Sheet identification - Map reliability

- The Legend - Graphical scale -

Type of projection or grid - Contour

interval - Location diagram.

B. Place Names and Gazetteers

US Board of Geographic Names (BGN)

NIS Gazetteers (all countries)

US Navy Gazetteers (Pacific islands and coastal countries)

AMS Gazetteers (most European and Asian countries)

Atlases (Government and Commercial)

C. Geographic Coordinates

Latitude and Longitude -

Degrees - minutes - seconds

(Read north or south then east or west)

D. Military Grids

Universal Transverse Mercator (UTM)

Universal Polar Stereographic (UPS)

World Geographic Reference System (GOREF)

Other grid systems

The rectangle (read right and up)

E. Recapitulation (film)

Distance - direction - contours -

Coordinates and grids

III. Use of maps in Intelligence

General purpose map - Special feature map - Base map -

Photo-map or aerial mosaic - 3-D map - Orientation chart -

IV. Map exhibit

V. Map reading exercise

10 questions based on the
L751 1:50,000

Sheet. AMS Series STATINTL